

FIG.1

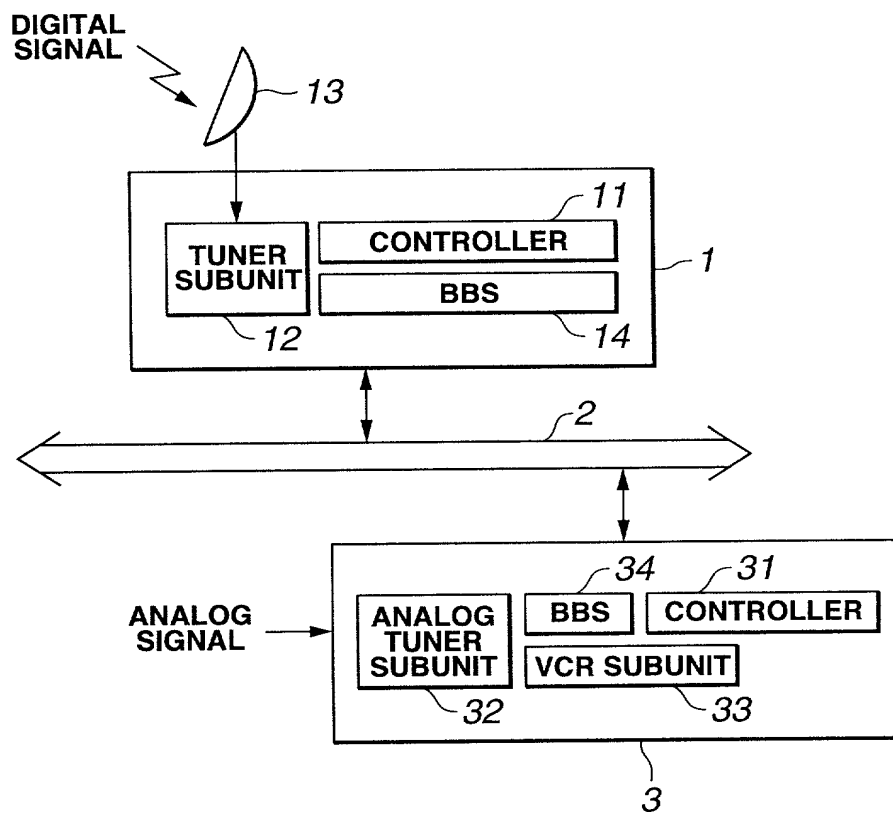


FIG.2

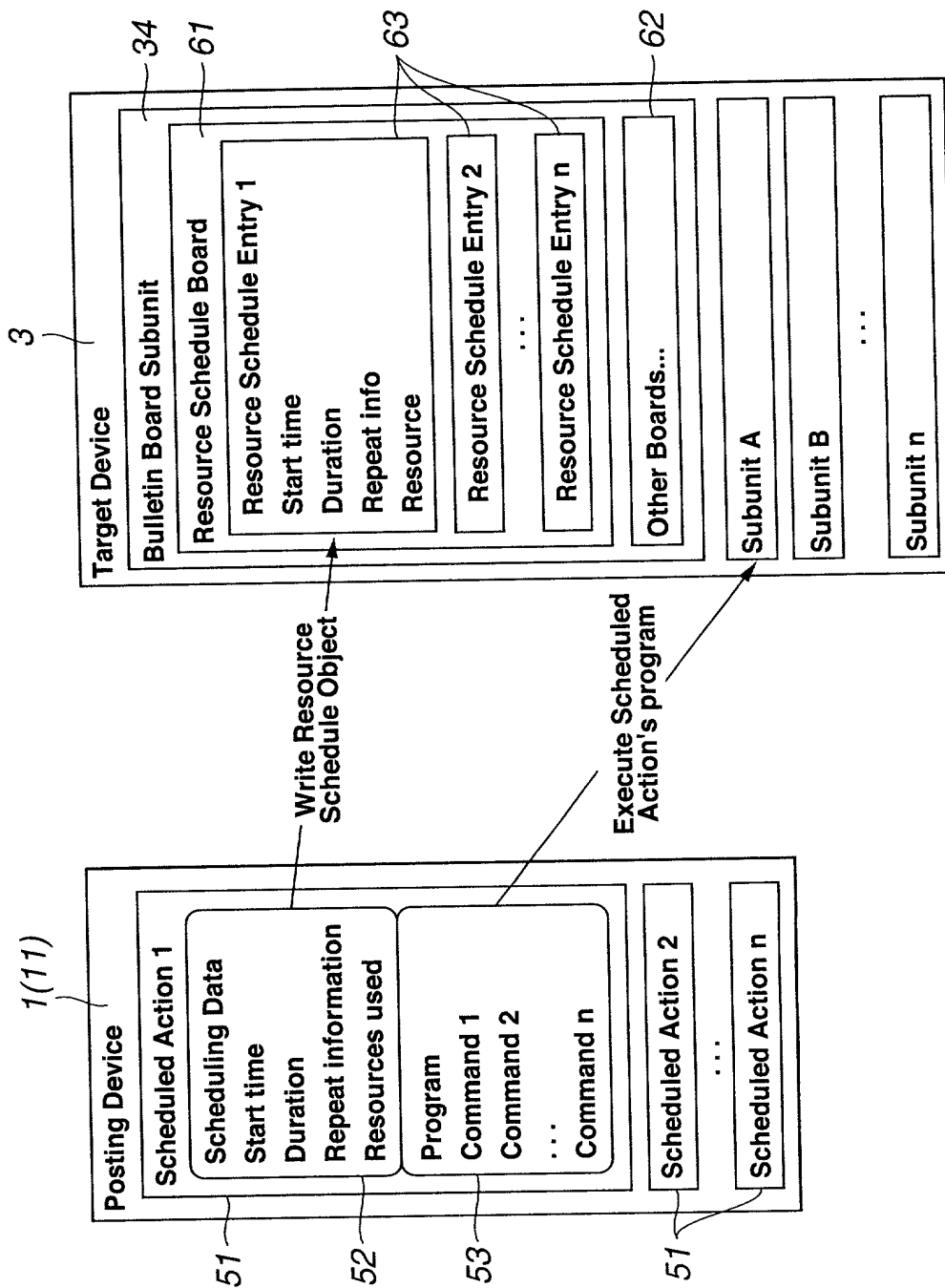


FIG.3

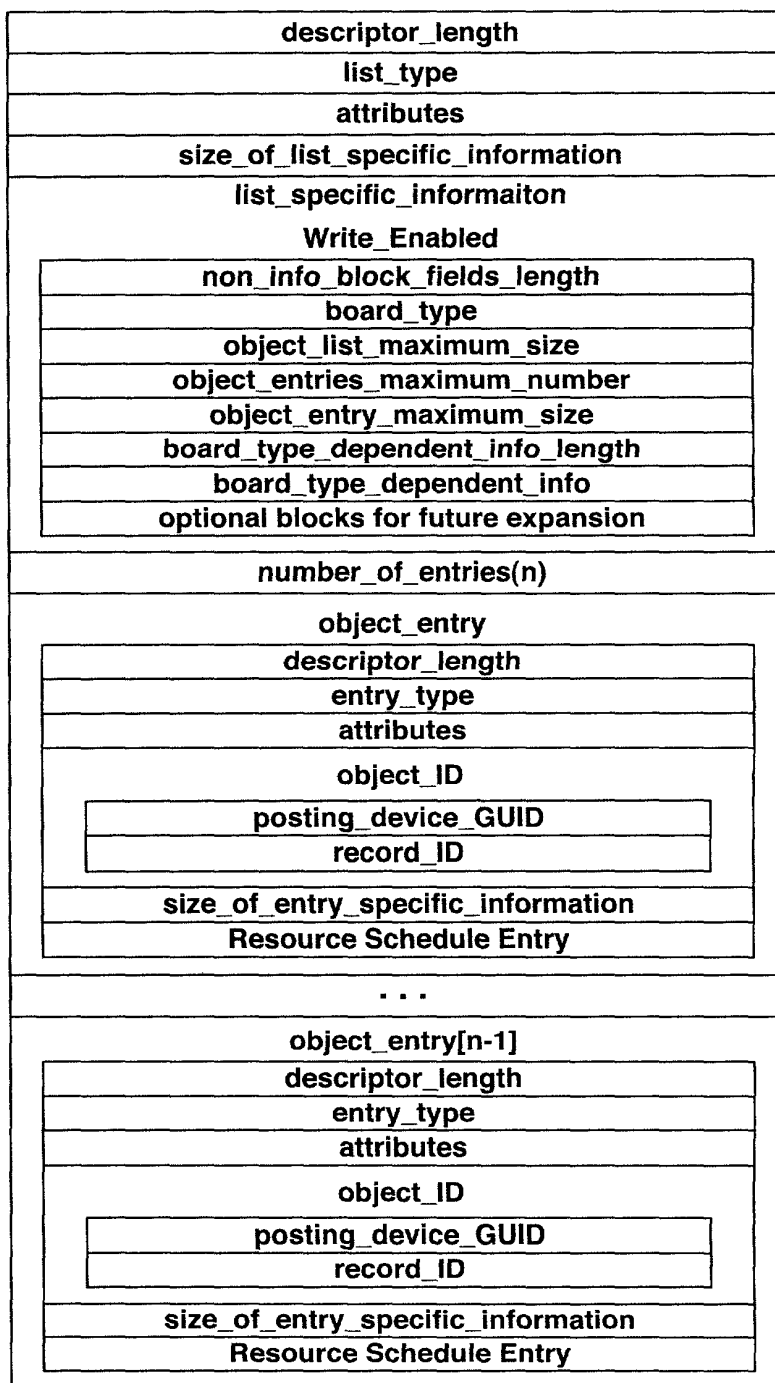


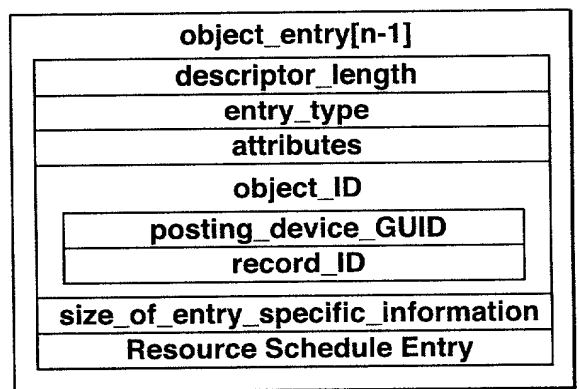
FIG.4

Address_offset	Contents
00 <sub>16</sub>	non_info_block_fields_length
01 <sub>16</sub>	
02 <sub>16</sub>	board_type
03 <sub>16</sub>	object_list_maximum_size
04 <sub>16</sub>	
05 <sub>16</sub>	object_entries_maximum_number
06 <sub>16</sub>	
07 <sub>16</sub>	object_entry_maximum_size
08 <sub>16</sub>	
09 <sub>16</sub>	board_type_dependent_information_length
0A <sub>16</sub>	
0B <sub>16</sub>	board_type_dependent_information
0C <sub>16</sub>	
0D <sub>16</sub>	
:	optional info blocks for future expansion
:	
:	

FIG.5

Value	Board type
00 <sub>16</sub>	Reserved
01 <sub>16</sub>	Resource Schedule Board
02 <sub>16</sub> –FF <sub>16</sub>	Reserved for future specification

**FIG.6**



### Resource Schedule Entry high level view

**FIG.7**

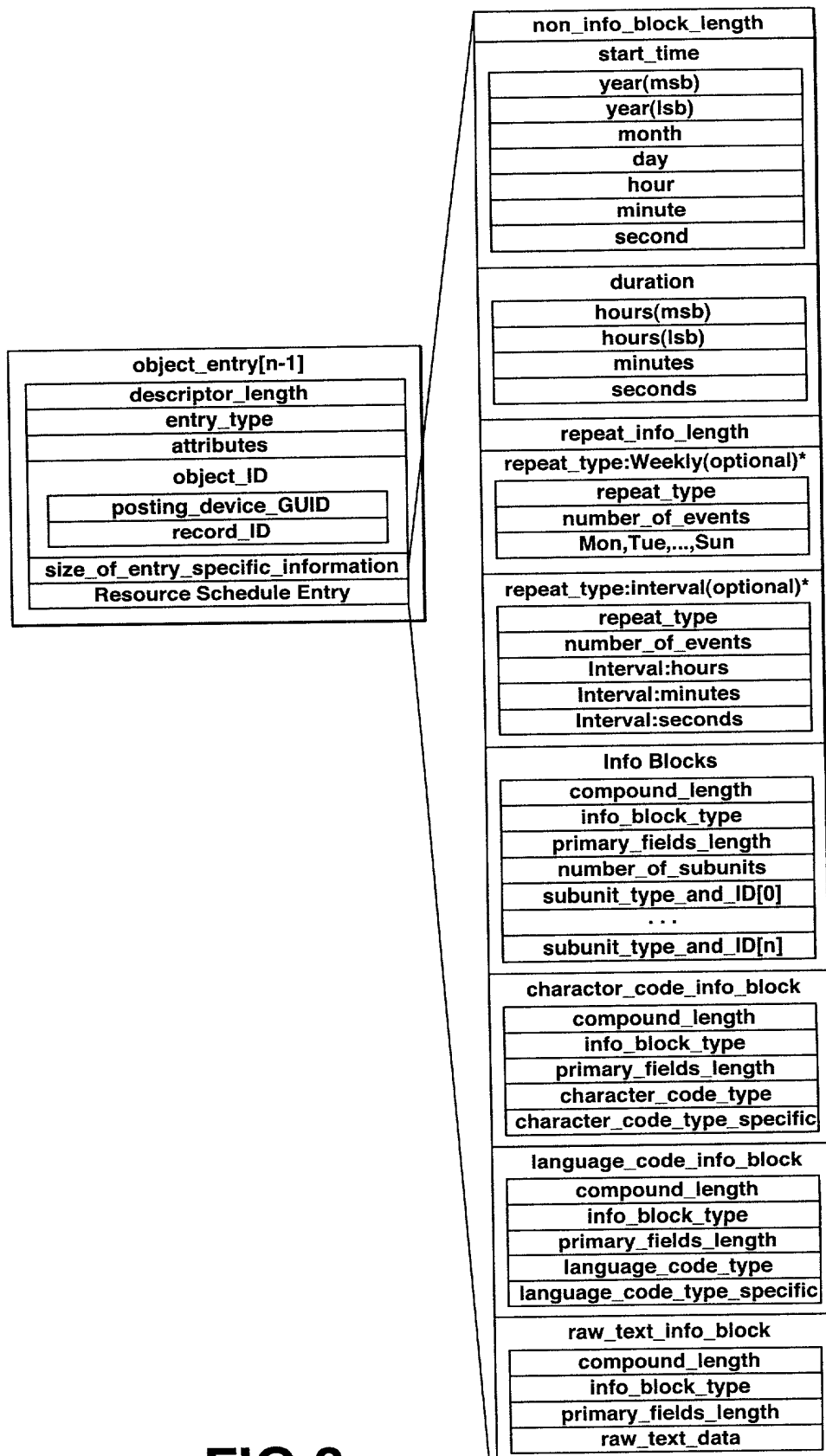


FIG.8

Address_offset	Contents
00 <sub>16</sub>	year(msb)
01 <sub>16</sub>	year(lsb)
02 <sub>16</sub>	month
03 <sub>16</sub>	day
04 <sub>16</sub>	hour
05 <sub>16</sub>	minute
06 <sub>16</sub>	second

FIG.9

Address_offset	Contents	
00 <sub>16</sub>	Reserved(4 bits)	hours(msb)
01 <sub>16</sub>	hours(lsb)	
02 <sub>16</sub>	minutes	
03 <sub>16</sub>	seconds	

FIG.10



Values	definition
00 <sub>16</sub>	Weekly schedule
01 <sub>16</sub> -0F <sub>16</sub>	reserved
10 <sub>16</sub>	Interval schedule
0F <sub>16</sub> -FF <sub>16</sub>	reserved

FIG.11

	msb							lsb
address_offset	contents							
0E <sub>16</sub>	repeat_type							
0F <sub>16</sub>	number_of_events							
10 <sub>16</sub>	Sunday	Monday	Tuesday	Wed- nesday	Thurs- day	Friday	Saturday	Reserved

FIG.12

address_offset	contents
0E <sub>16</sub>	repeat_type
0F <sub>16</sub>	number_of_events
10 <sub>16</sub>	Reserved(4 bits)   Interval:hours(msb)
11 <sub>16</sub>	interval:hours(lsb)
12 <sub>16</sub>	interval:minutes
13 <sub>16</sub>	interval:seconds

FIG.13

address_offset	contents
00 <sub>16</sub>	compound_length
01 <sub>16</sub>	
02 <sub>16</sub>	info_block_type
03 <sub>16</sub>	
04 <sub>16</sub>	primary_fields_length
05 <sub>16</sub>	
06 <sub>16</sub>	number_of_subunits
07 <sub>16</sub>	subunit_type_and_ID[0]
:	:

FIG.14

character_code_info_block	
Adress_offset	Contents
00 00 <sub>16</sub>	compound_length
00 01 <sub>16</sub>	
00 02 <sub>16</sub>	info_block_type=00 08 <sub>16</sub> (character_code_info_block)
00 03 <sub>16</sub>	
00 04 <sub>16</sub>	primary_fields_length
00 05 <sub>16</sub>	
00 06 <sub>16</sub>	character_code_type
00 07 <sub>16</sub>	character_code_type_specific
:	
:	

FIG.15

language_code_info_block	
Adress_offset	Contents
00 00 <sub>16</sub>	compound_length
00 01 <sub>16</sub>	
00 02 <sub>16</sub>	info_block_type=00 09 <sub>16</sub> (language_code_info_block)
00 03 <sub>16</sub>	
00 04 <sub>16</sub>	primary_fields_length
00 05 <sub>16</sub>	
00 06 <sub>16</sub>	language_code_type
00 07 <sub>16</sub>	language_code_type_specific
:	
:	

FIG.16

raw_text_info_block	
Adress_offset	Contents
00 00 <sub>16</sub>	compound_length
00 01 <sub>16</sub>	
00 02 <sub>16</sub>	info_block_type=00 0A <sub>16</sub> (raw_text_info_block)
00 03 <sub>16</sub>	
00 04 <sub>16</sub>	primary_fields_length
00 05 <sub>16</sub>	
00 06 <sub>16</sub>	raw_text_data
:	
:	

FIG.17

raw_text_data
CHANNEL
PROGRAM TITLE (PROGRAM)
CONTROL INFORMATION (REPLAY, RECORDING, STOP, ETC.)
REMARKS (PAY PER VIEW)
PROVIDER
PRELIMINARILY RESERVED

FIG.18

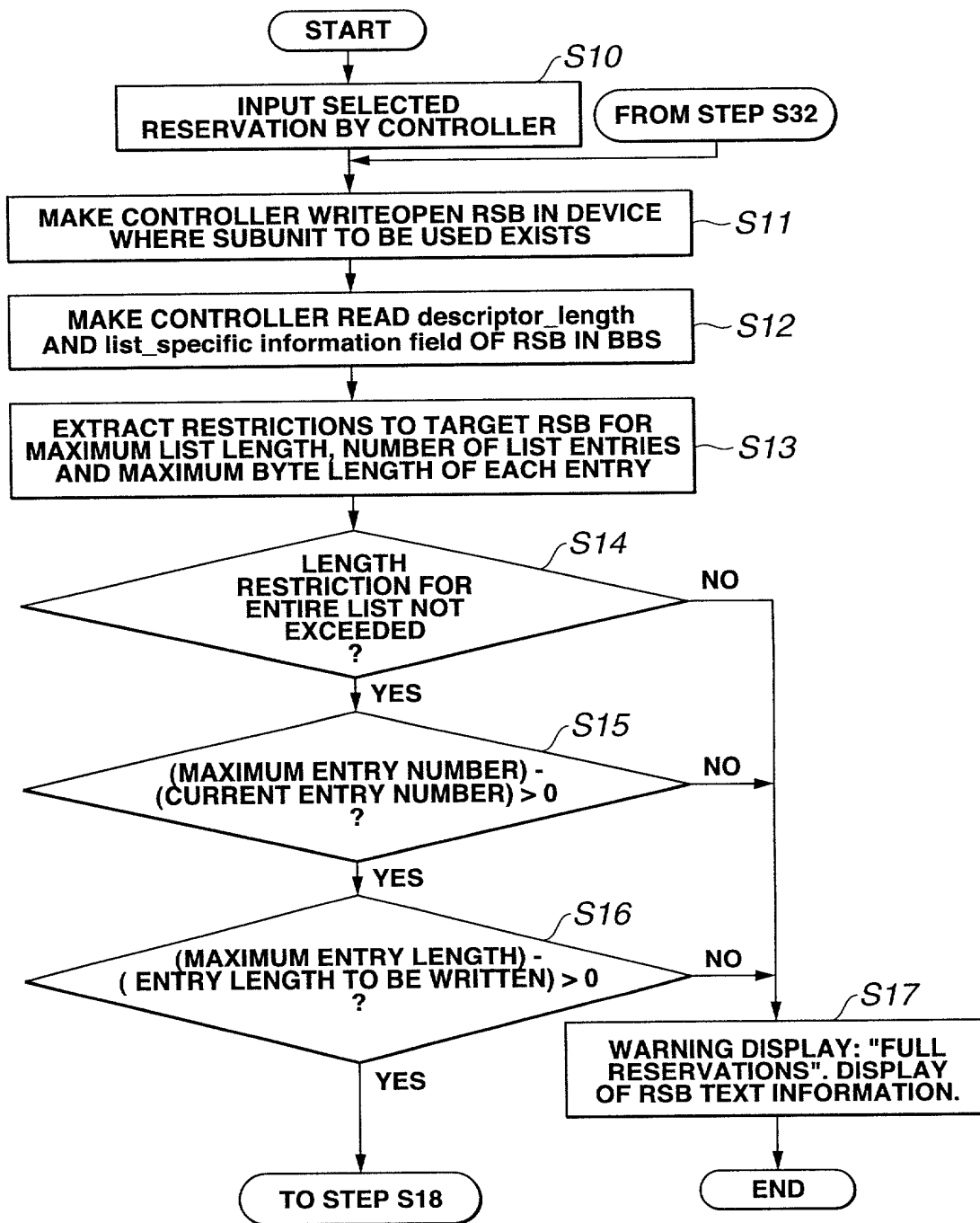


FIG.19

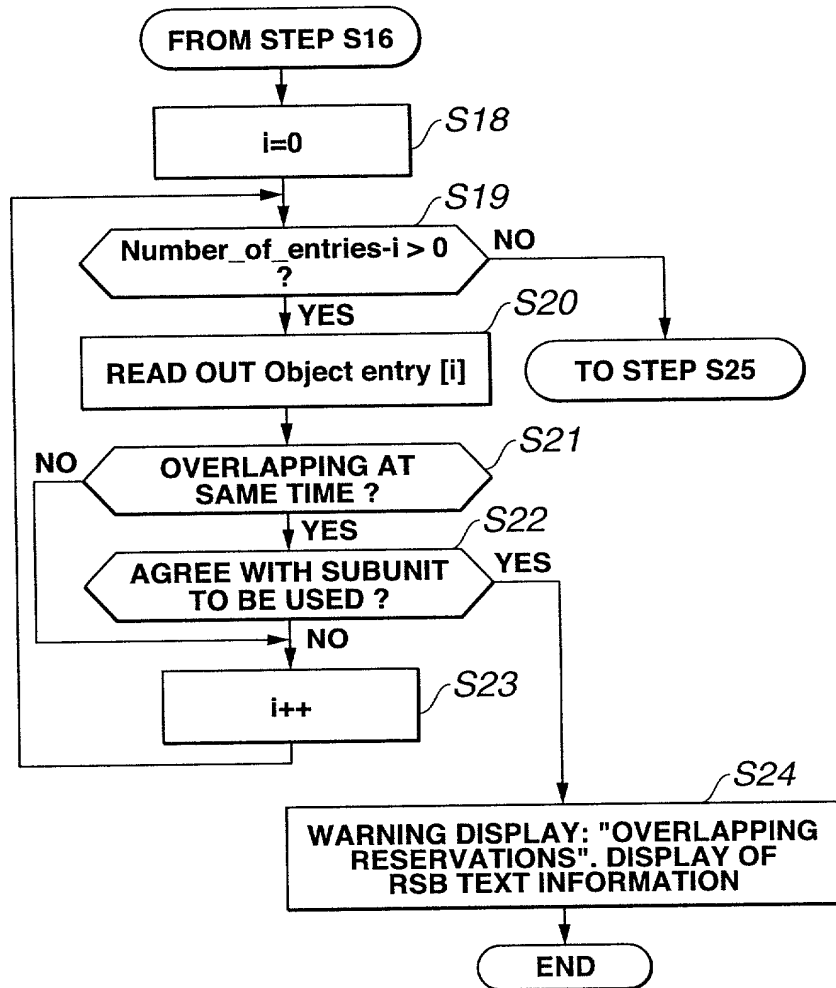


FIG.20

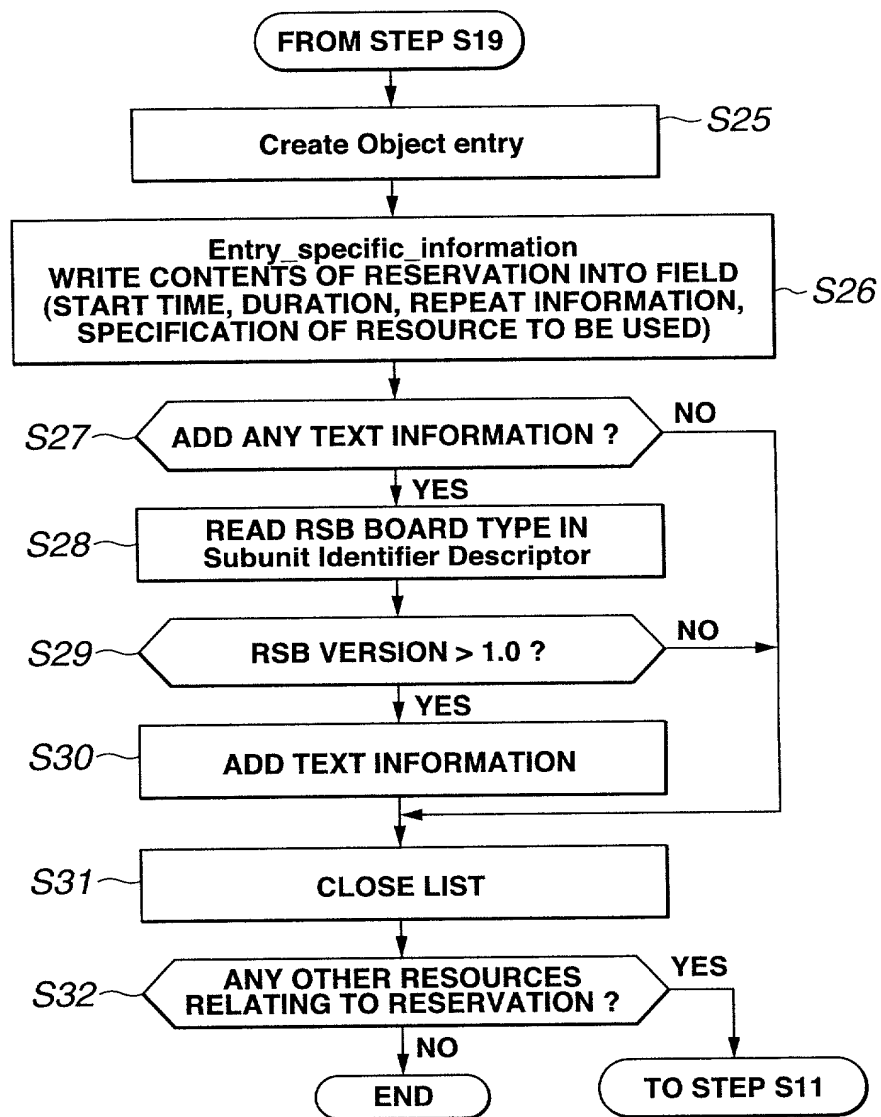


FIG.21

<b>opcode</b>	<b>OPEN DESCRIPTOR</b>
<b>operand 0</b>	<b>descriptor_type=10<sub>16</sub></b>
<b>operand 1</b>	<b>List ID:00<sub>16</sub></b>
<b>operand 2</b>	<b>List ID:01<sub>16</sub></b>
<b>operand 3</b>	<b>subfunction WRITE OPEN 03<sub>16</sub></b>
<b>operand 4</b>	<b>reserved 00<sub>16</sub></b>

**FIG.22**

[illegible]

FIG. 23



	msb							lsb
opcode	CREATE DESCRIPTOR (00 <sub>16</sub> )							
operand 0	result							
operand 1	subfunction_1							
operand 2	reserved							
operand 3	subfunction_1_specification							
:								
:								

FIG.24

values of subfunction_1	meaning
00 <sub>16</sub>	create a new descriptor
01 <sub>16</sub>	create a new object and its child list
all other values	reserved for future specification

FIG.25

subfunction_1_specification for subfunction_1=01 <sub>16</sub>								
	msb							lsb
operand 3	descriptor_identifier_where							
:								
:								
:	descriptor_identifier_what_1							
:								
:								
:	descriptor_identifier_what_2							
:								
:								

FIG.26

descriptor_type of descriptor_identifier_ where	descriptor_type of descriptor_identifier_ what_1	descriptor_type of descriptor_identifier_ what_2	meaning
20 <sub>16</sub>	22 <sub>16</sub>	11 <sub>16</sub>	Create an object and its child list. create the new object and place it in the location specified by where, the entry_type is specified by what_1. Also create the new list as the child of the new object. The list_type is specified by what_2.
all other values			reserved for future specification

FIG.27

<b>opcode</b>	<b>WRITE DESCRIPTOR (OA<sub>16</sub>)</b>
<b>operand 0</b>	<b>descriptor identifier</b>
<b>:</b>	<b>subfunction:partial_replace(50<sub>16</sub>)</b>
<b>:</b>	<b>group_tag:immediate(00<sub>16</sub>)</b>
<b>:</b>	<b>replacement_data_length</b>
<b>:</b>	<b>address</b>
<b>:</b>	<b>original_data_length</b>
<b>:</b>	<b>replacement_data</b>

**FIG.28**

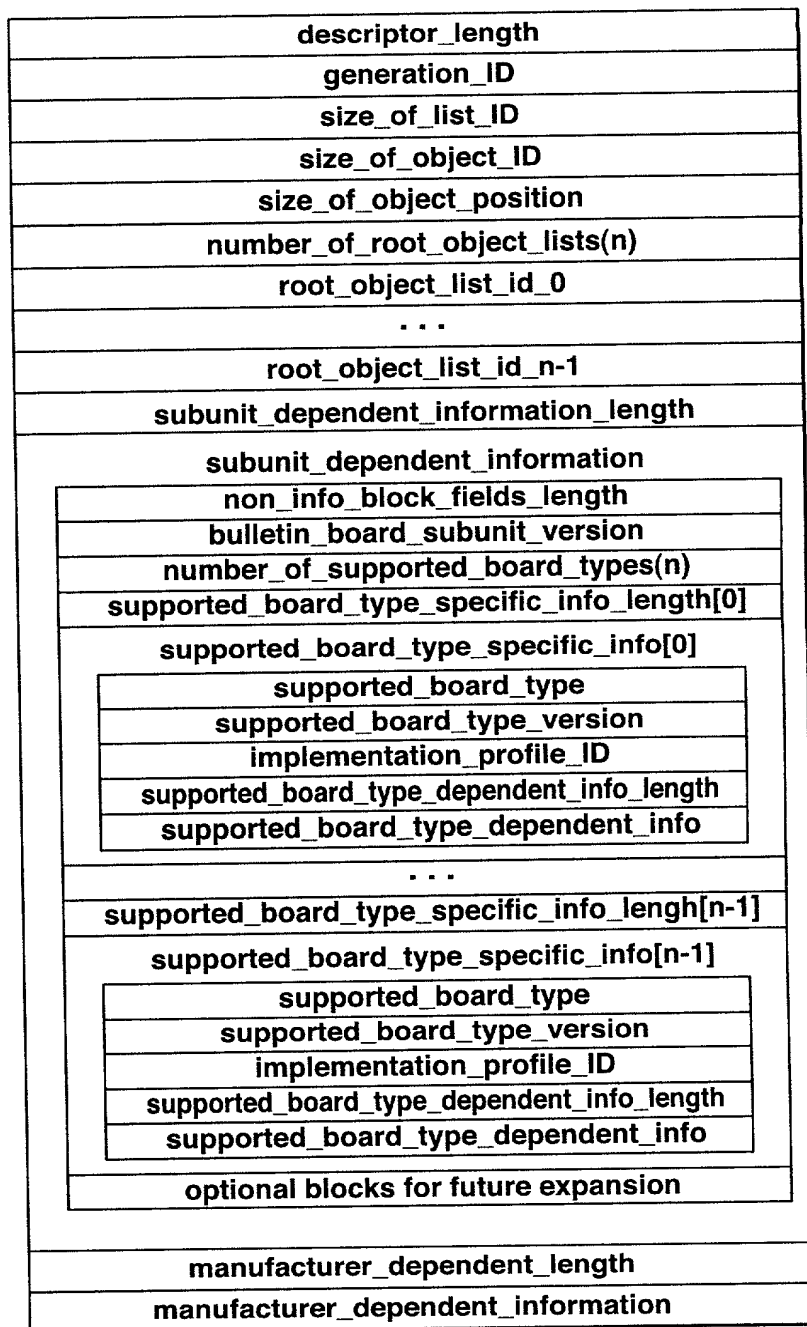


FIG.29

Value	List definition
1001 <sub>16</sub>	Resource Schedule List
1002-10FF <sub>16</sub>	reserved

**FIG.30**

Address_offset	Contents
00 <sub>16</sub>	supported_board_type
01 <sub>16</sub>	supported_board_type_version
02 <sub>16</sub>	implementation_profile_ID
03 <sub>16</sub>	supported_board_type_dependent_information_length
04 <sub>16</sub>	
05 <sub>16</sub>	
:	supported_board_type_dependent_information
:	

**FIG.31**

opcode	OPEN DESCRIPTOR
operand 0	descriptor_type=10 <sub>16</sub>
operand 1	List ID:00 <sub>16</sub>
operand 2	List ID:01 <sub>16</sub>
operand 3	subfunction CLOSE 00 <sub>16</sub>
operand 4	reserved 00 <sub>16</sub>

FIG.32

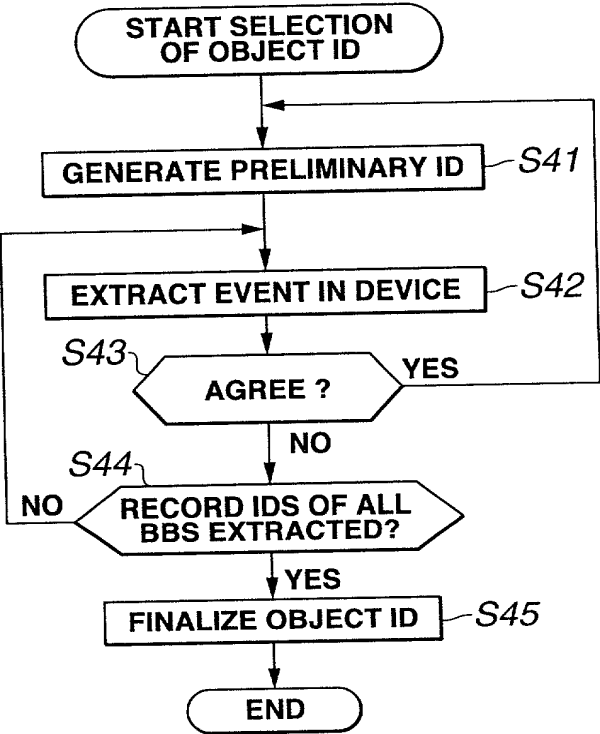
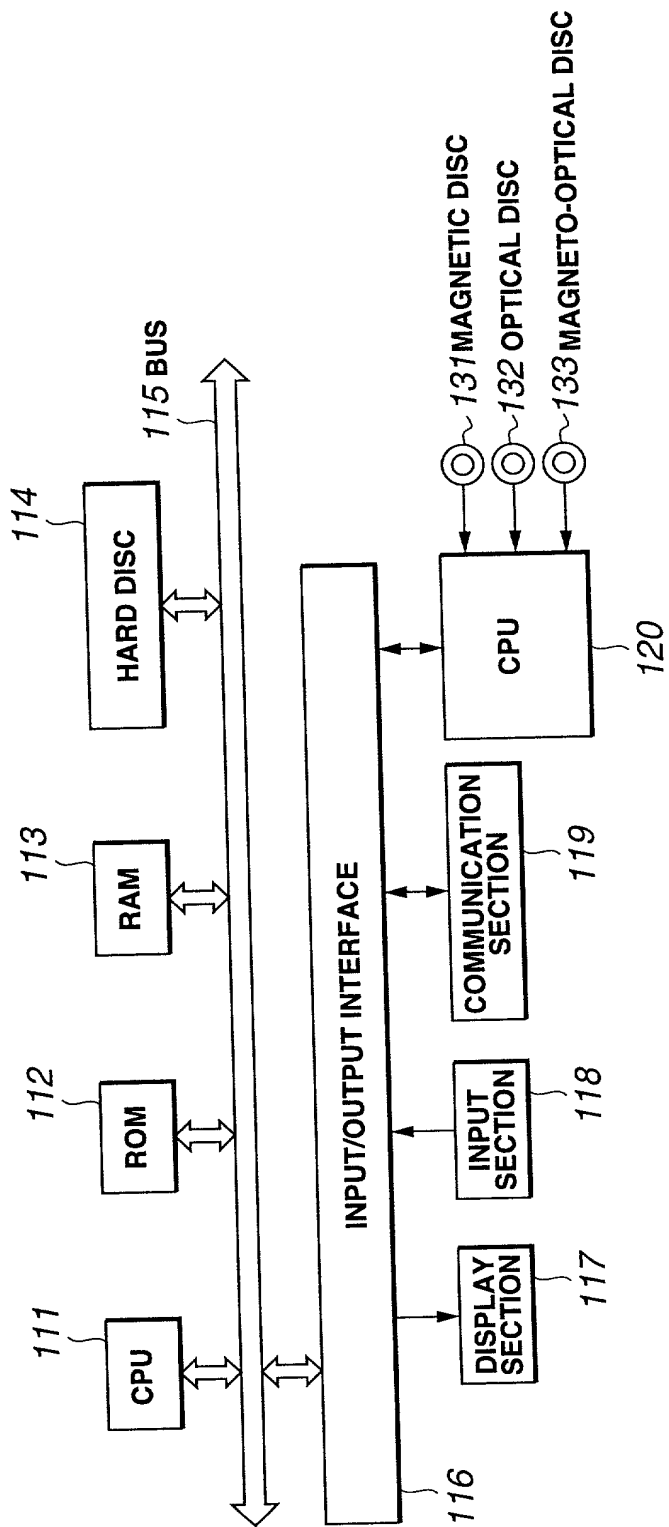


FIG.33





101

FIG.34